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FEB 15 2006

OFFICE OF PETITIONS

In re Application of:  
Qi Zhao et al.

Serial No.: 10/707,031

Filed: November 17, 2003

For: ITERATIVE CT  
RECONSTRUCTION METHOD  
USING MULTI-MODAL EDGE  
INFORMATION

Group Art Unit: 2882

Examiner: Bruce, David Vernon

Atty. Docket: 134666-1/YOD  
GERD:0365

**Via Facsimile: (571) 273-0025**

Mail Stop Amendments

Commissioner for Patents

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37 C.F.R. 1.8

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February 15, 2006

Date

Lynda Howell

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. §§ 1.97(b) AND 1.98**

**NOTE:** Because this IDS is being filed along with a Petition under 37 C.F.R. §1.313(c)(2) and an RCE via facsimile, copies of references are not attached. A full copy of this IDS and copies of references is being sent by post.

In compliance with the duty of disclosure under 37 C.F.R. § 1.56(a), it is respectfully requested that this Information Disclosure Statement be entered and that the listed references be considered by the Examiner and made of record. Applicants note that, due to recent amendments to 37 C.F.R. § 1.98(a), copies of the listed domestic references are no longer required to be submitted to the Examiner.

In accordance with 37 C.F.R. § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made, as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b), or

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as a representation that no other possibly material information, as defined in 37 C.F.R. § 1.56(b), exists.

Furthermore, the references listed on the attached PTO/SB/08B Form is not to be construed as an admission that these references qualify as prior art as to the above-referenced application or any related application. Rather, these references are being presented for the Examiner's consideration without prejudice to the right to demonstrate that any of these references do not qualify as prior art should the Examiner choose to apply any of these references.

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Respectfully submitted,

Date: 2/15/2006

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete If Known**

Application Number	10/707,031
Filing Date	November 17, 2003
First Named Inventor	Qi Zhao
Art Unit	2882
Examiner Name	Bruce, David Vernon
Attorney Docket Number	134666-1/YOD (GERD:0365)

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	DE MAN, B. ET AL.; "An Iterative Maximum-Likelihood Polychromatic Algorithm for CT"; IEEE Transactions on Medical Imaging, IEEE Inc., New York, US, vol. 20, no 10, October 2001, pgs. 999-1008.	
	C2	BRIX, G. ET AL.; "Use of Scanner Characteristics in Iterative Image Reconstruction for High-Resolution Positron Emission Tomography Studies of Small Animals"; European Journal of Nuclear Medicine, vol. 24, no. 7, July 1997, pgs. 779-786.	
	C3	WERLING, ALEXANDER ET AL.; "Fast Implementation of the Single Scatter Simulation Algorithm and Its Use in Iterative Image Reconstruction of PET Data"; Physics in Medicine and Biology IOP Publishing UK, vol. 47, no. 16, August 1, 2002, pgs. 2947-2960.	
	C4	GIND, G. ET AL.; "Bayesian Reconstruction of Functional Images Using Anatomical Information as Priors"; IEEE Transactions on Medical Imaging, IEEE Inc., New York, US, vol. 12, no.4, December 1, 1993, pgs. 670-680.	

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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